I-29 Exit 77 (41st Street) Crossroad Corridor Study Public Meeting/Open House #2 September 21, 2011



Study Advisory Team



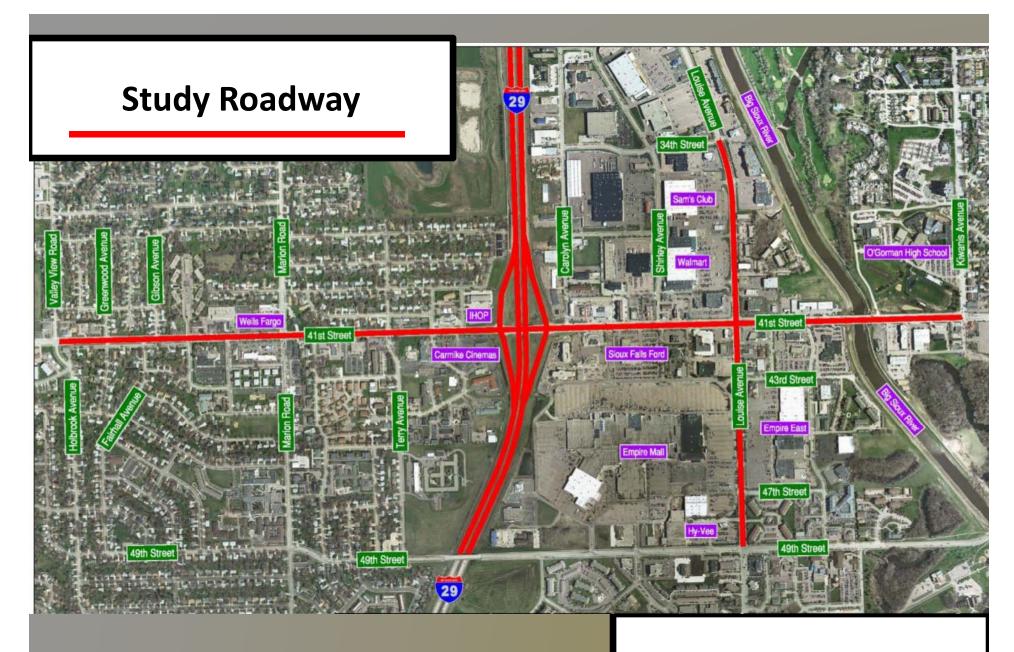


CONFLUENCE

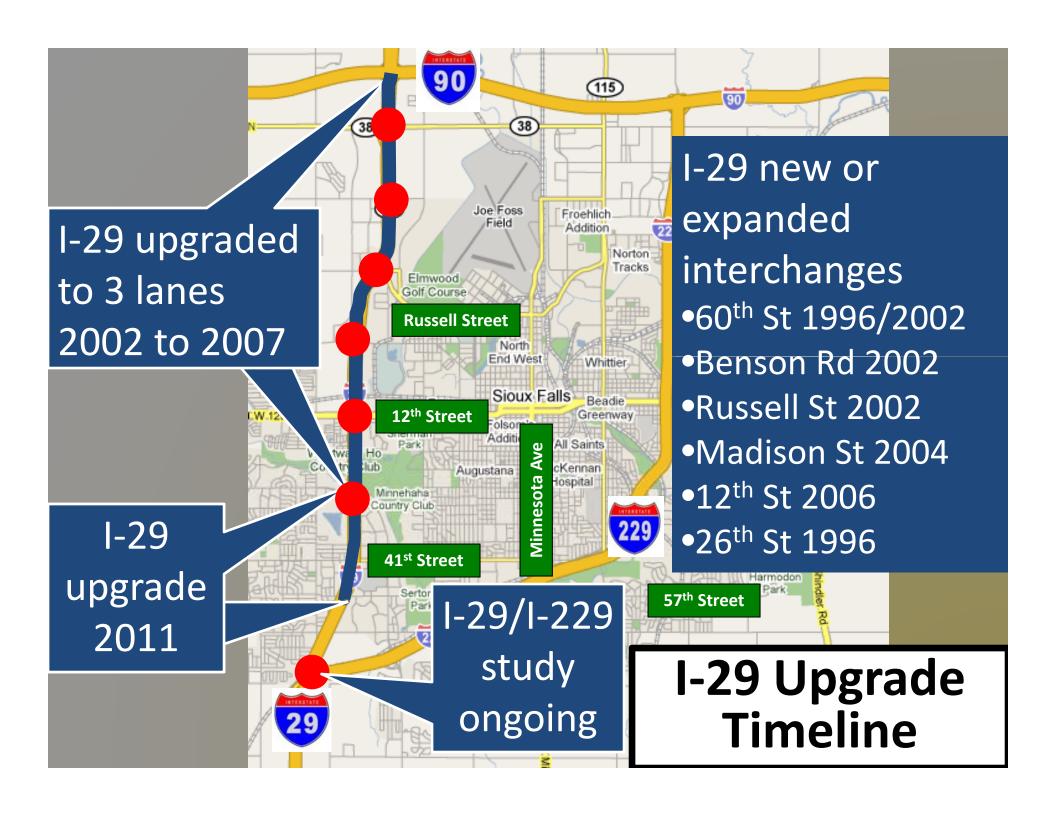


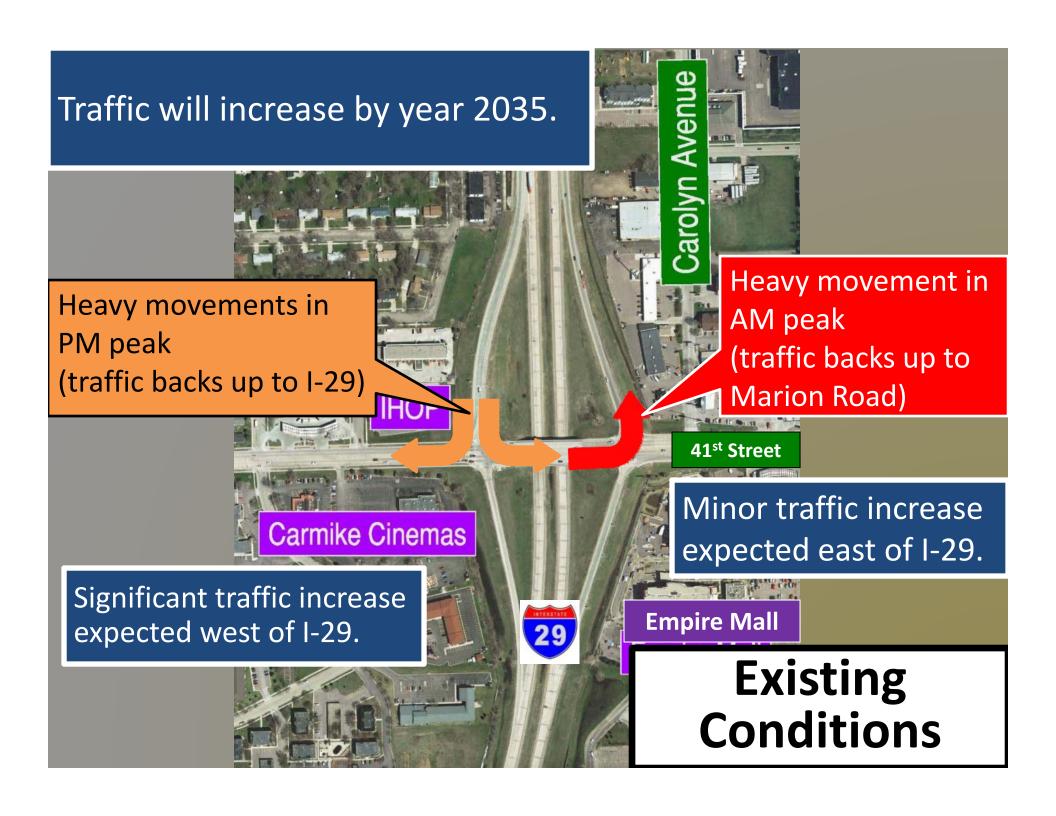


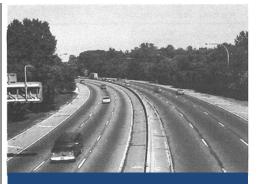




Project Area



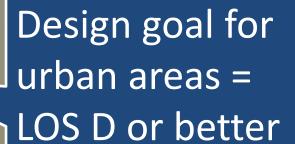




A – Normal speeds, large gaps between vehicles



D – Slightly reduced vehicle speeds, minor delays

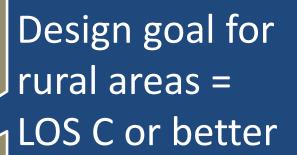




B – Normal speeds, smaller gaps between vehicles



E – Reduced vehicle speeds, moderate delays





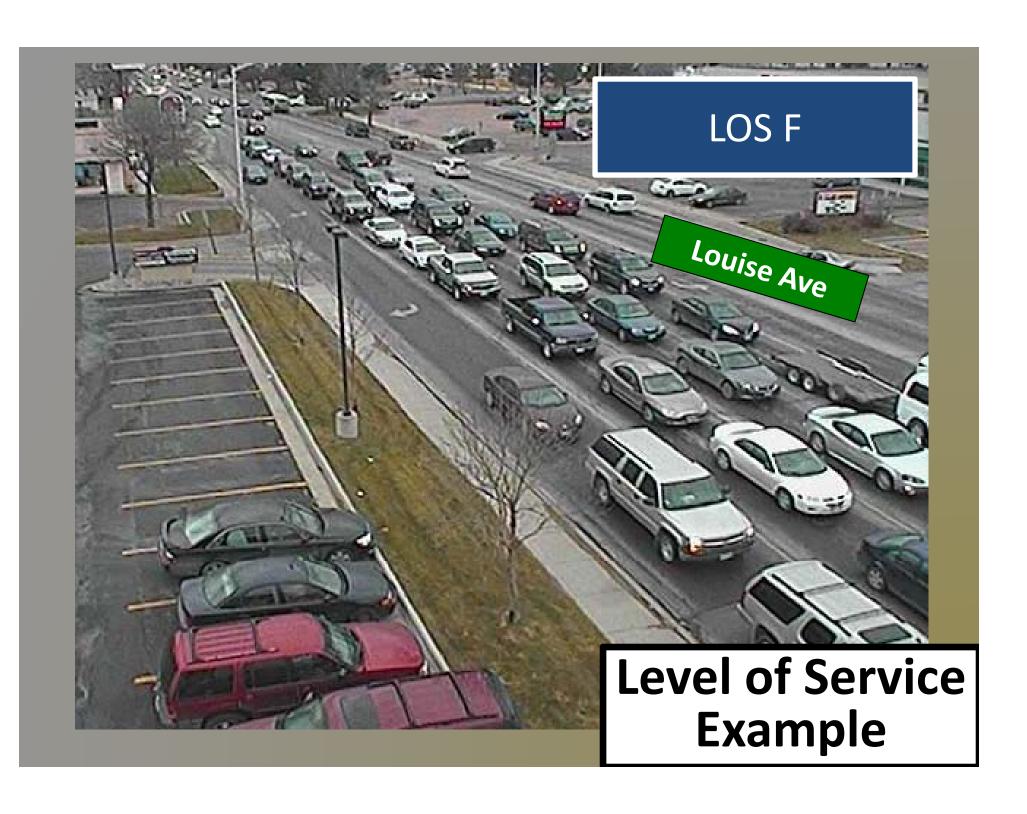
C – Normal speeds, no delays

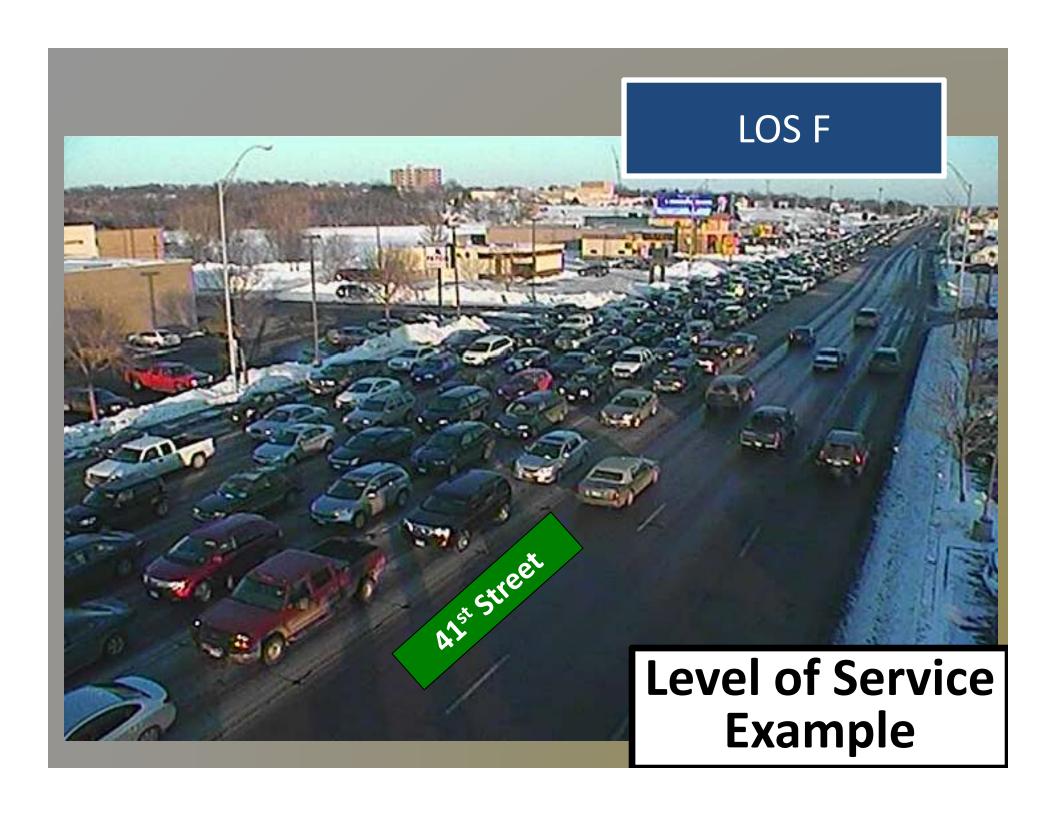


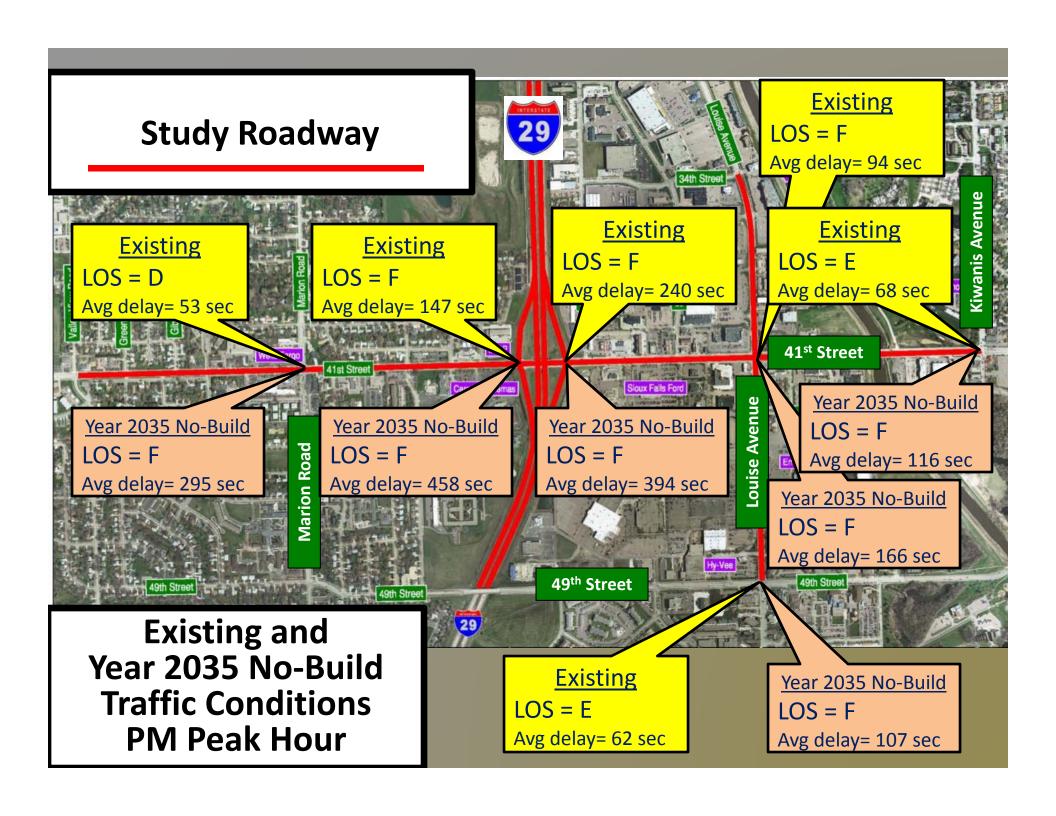
F – Stop and go conditions, long delays

Source: Highway Capacity
Manual

Level of Service (LOS) Summary







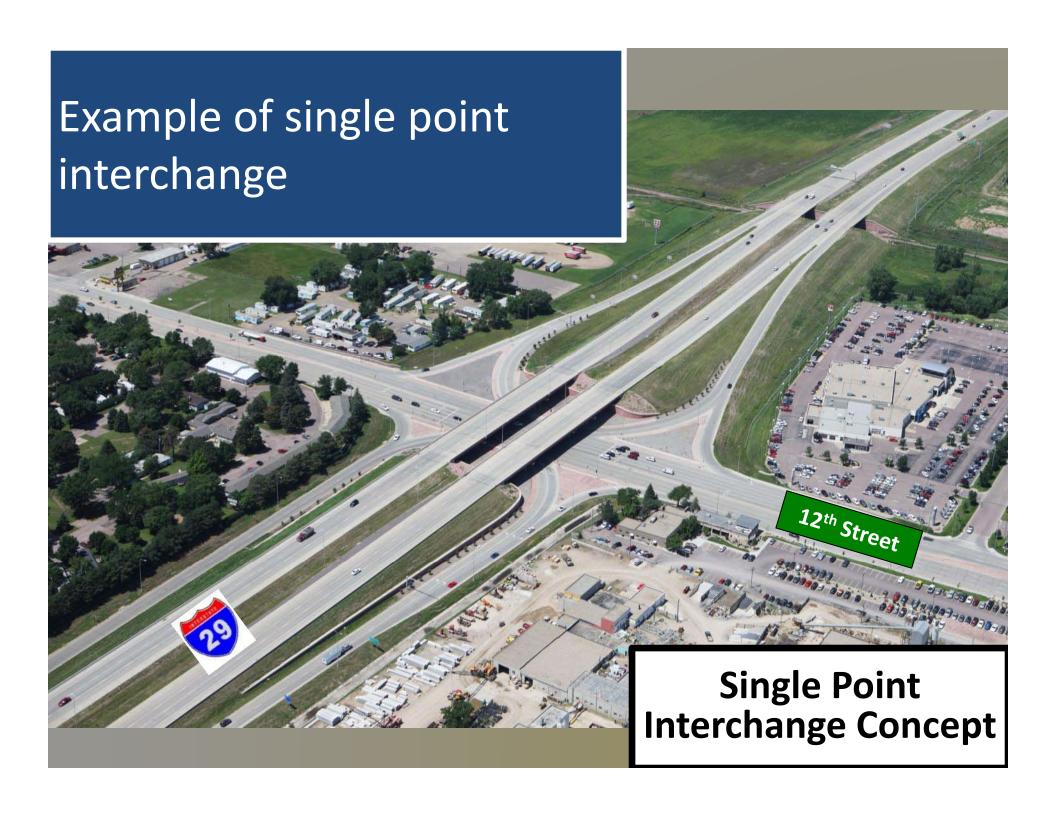
Criteria:

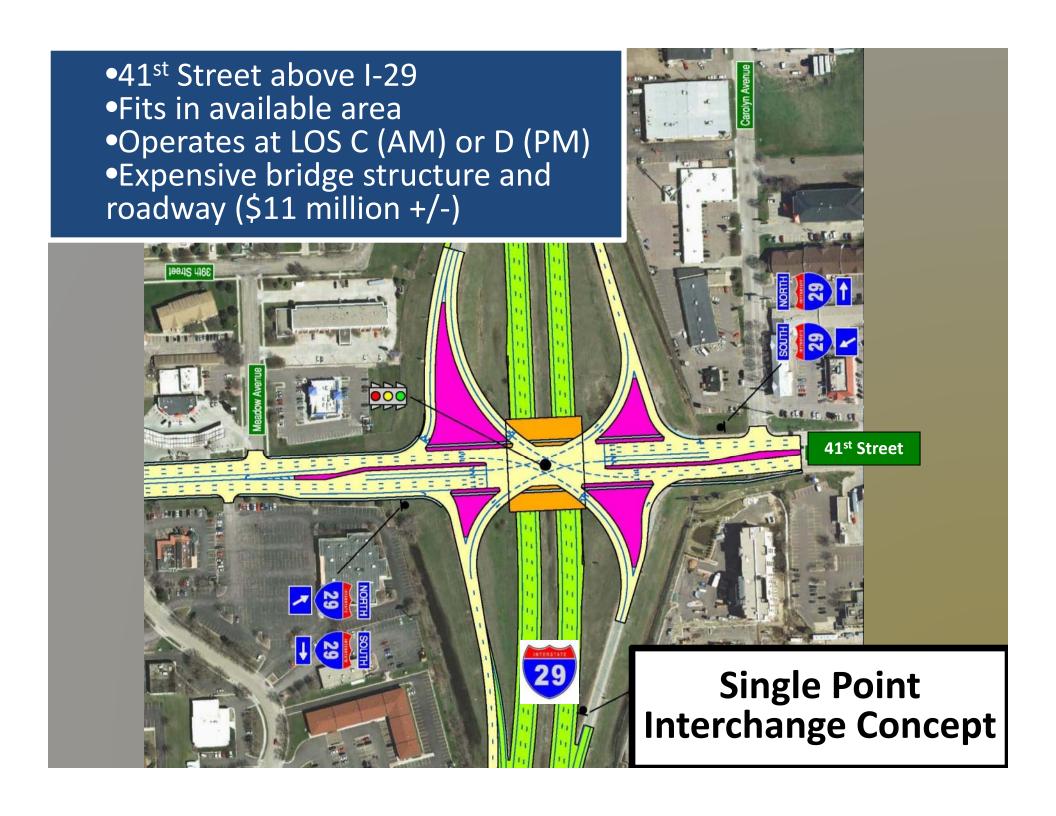
- Provide LOS D or better for year 2035 traffic.
- Minimal or no property impacts

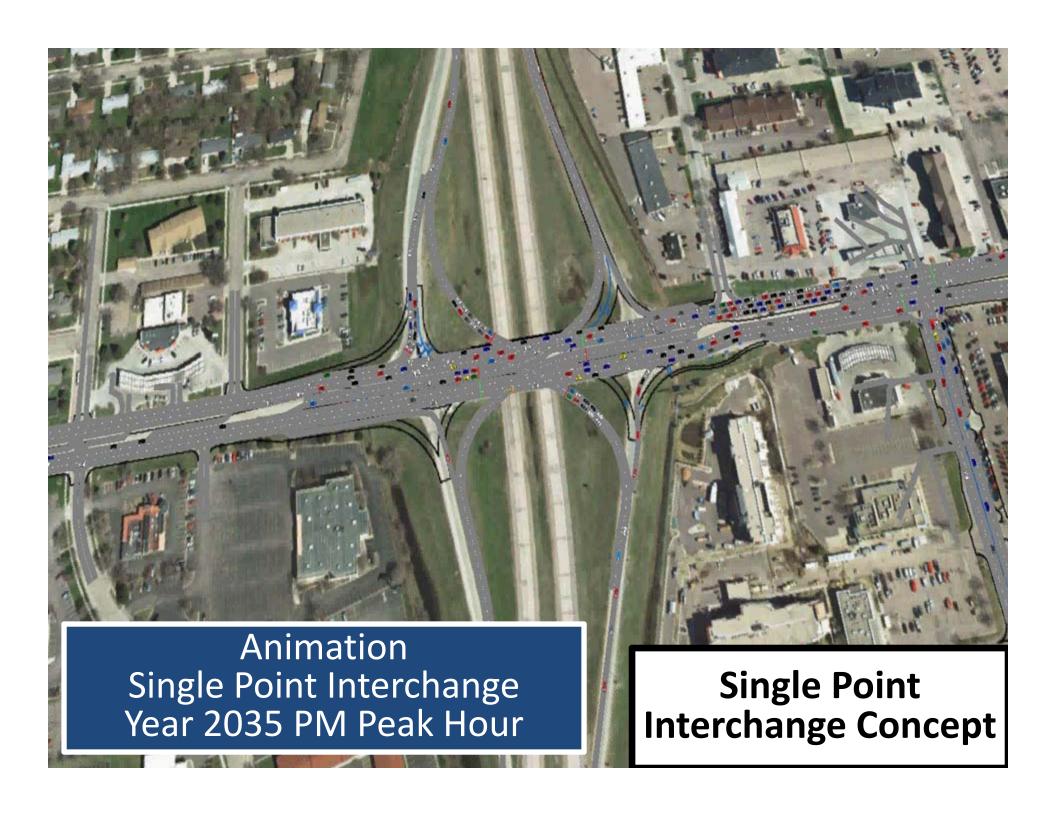
Timeframe:

- Unknown
- Existing bridge has many years of service life.

Interchange Options





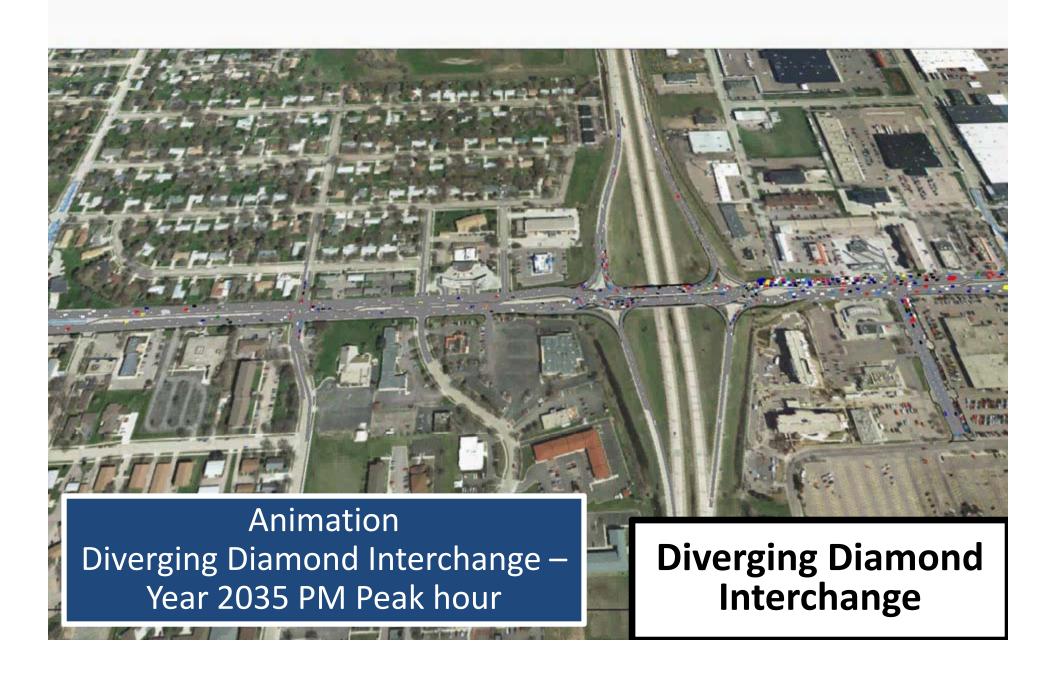


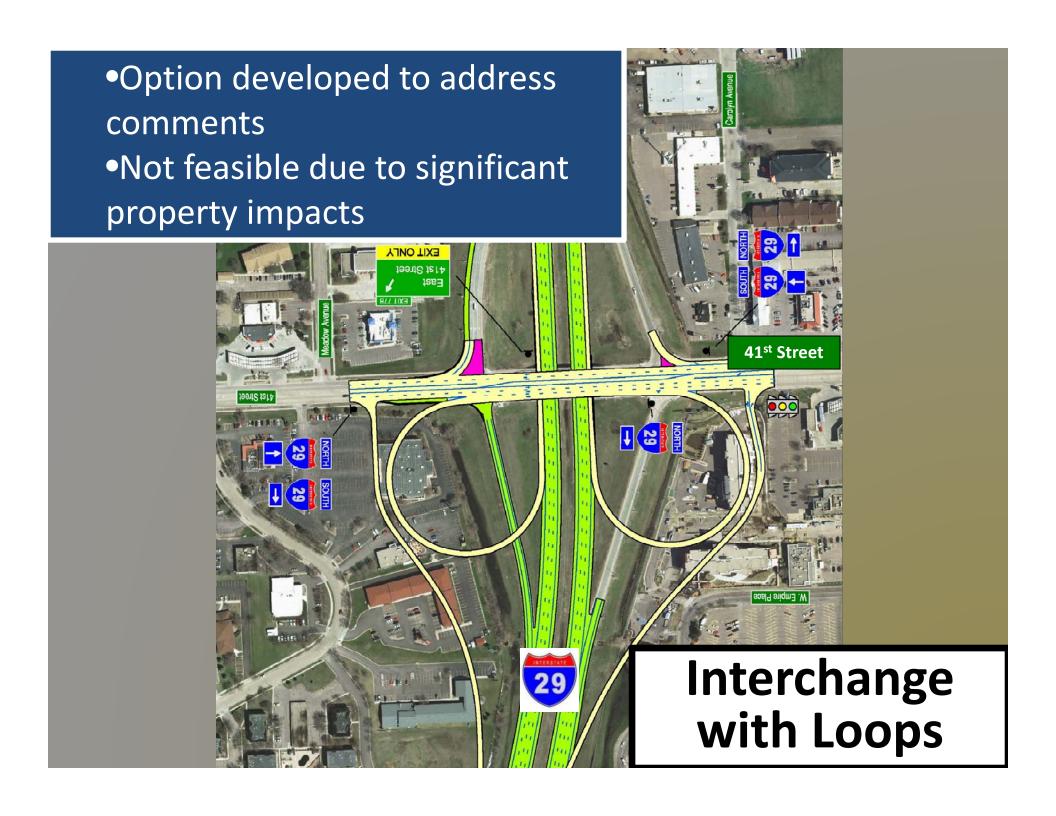
Example of diverging diamond interchange

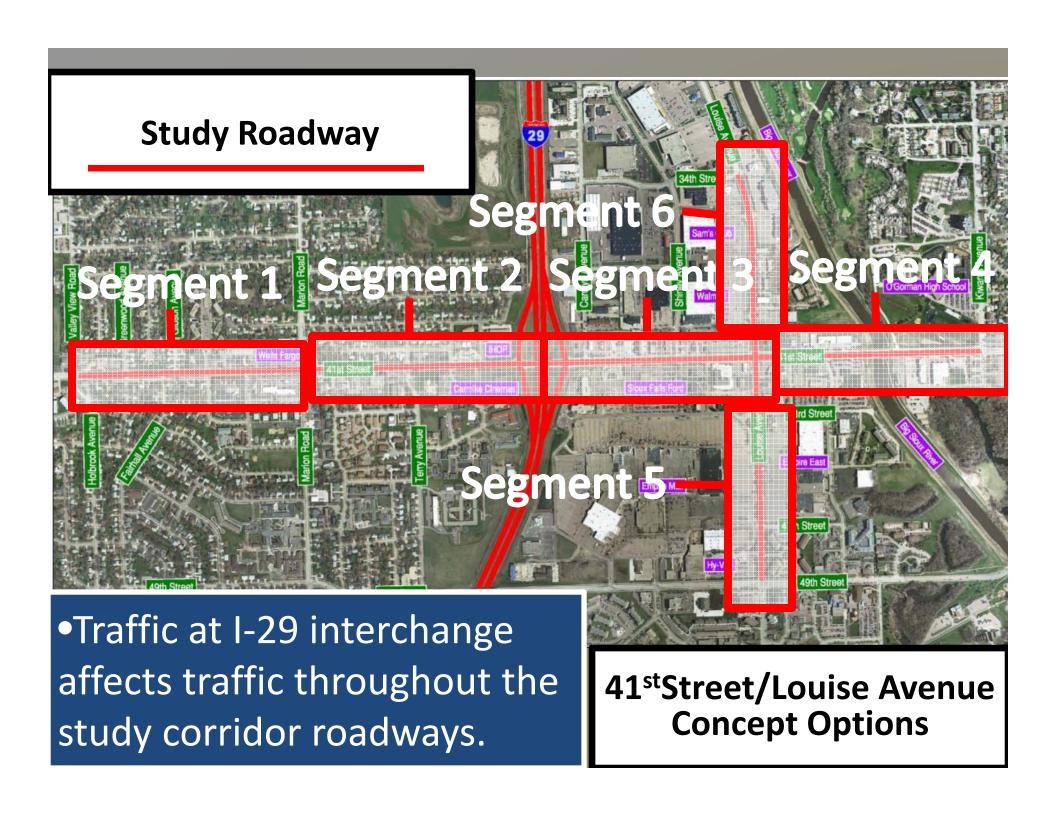
4 have been built in US 20+ are planned











Primary Considerations

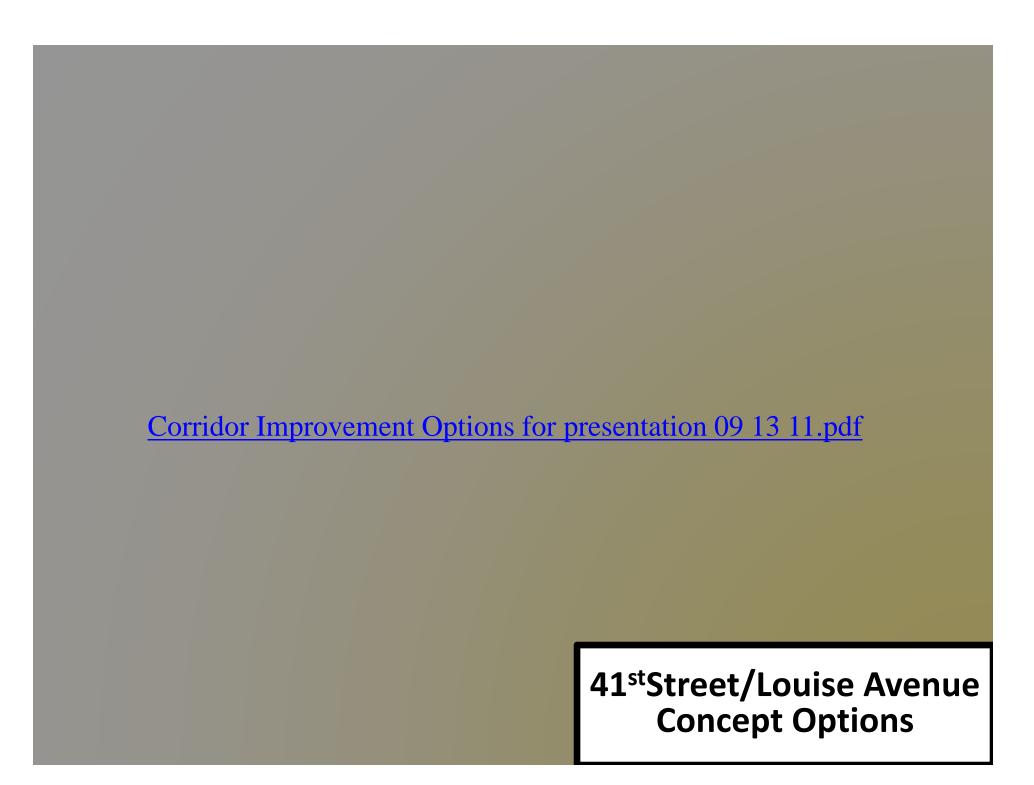
Capacity goal: Level of Service D or better for year 2035 traffic

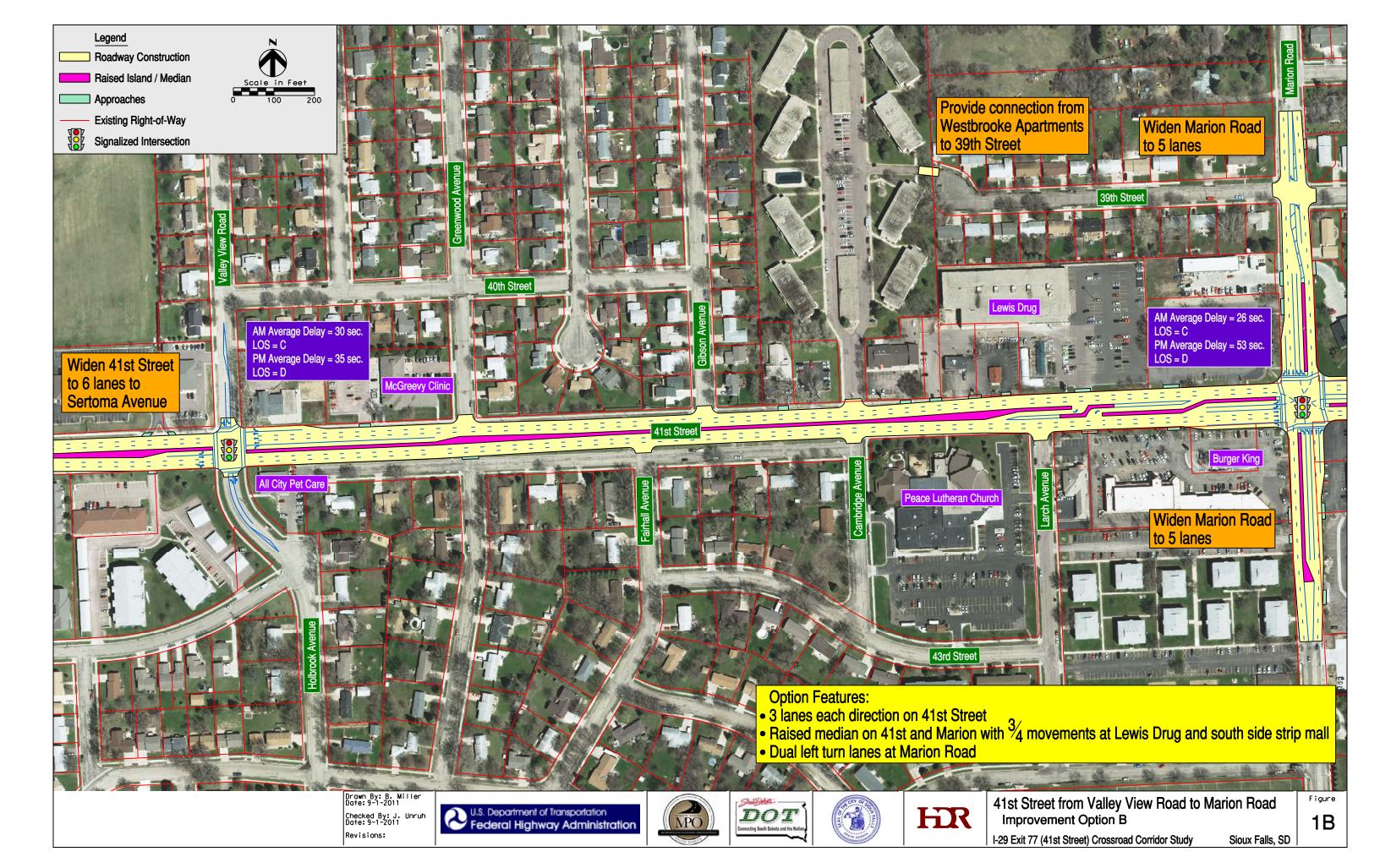
Safety

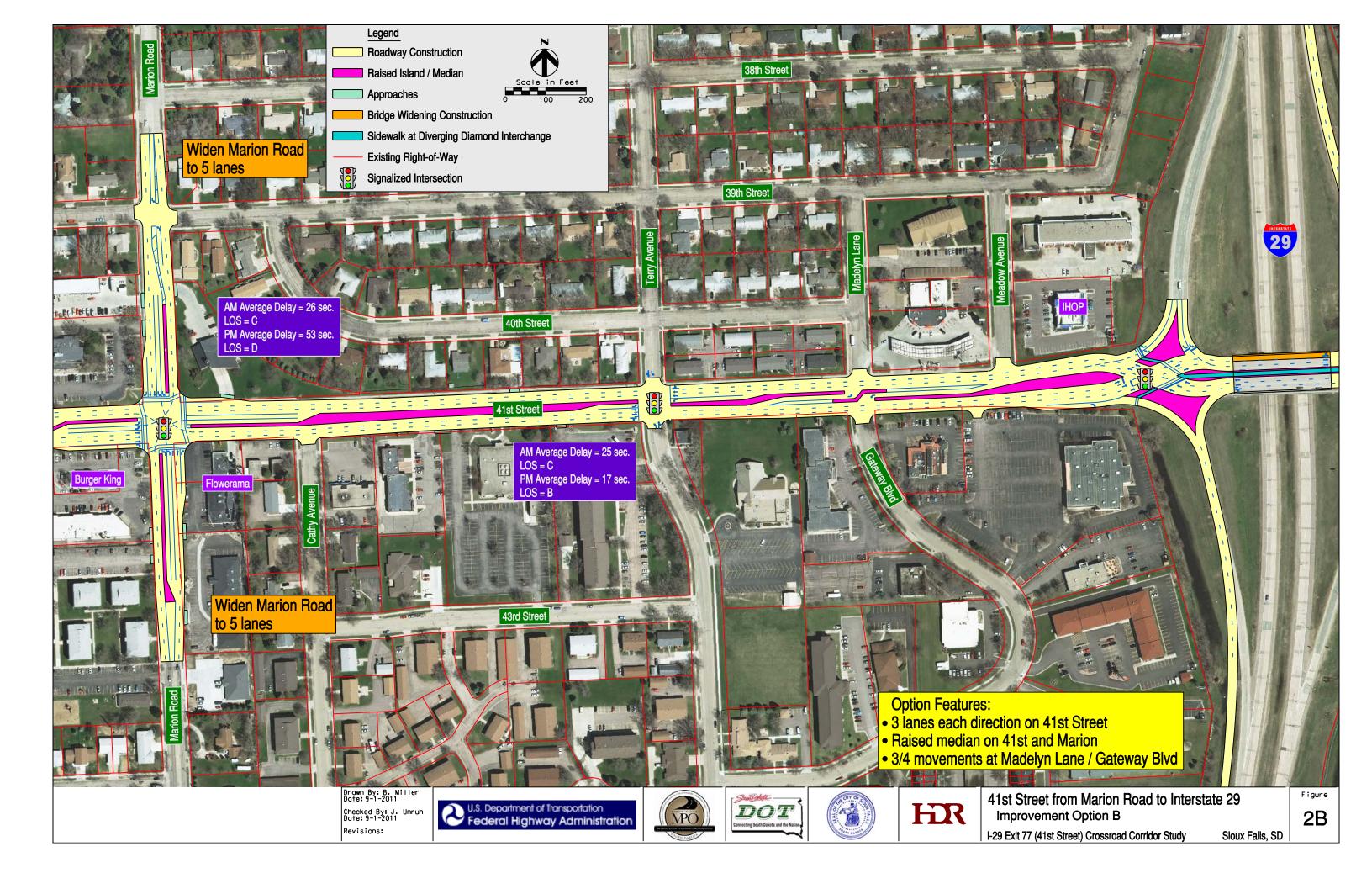
Access

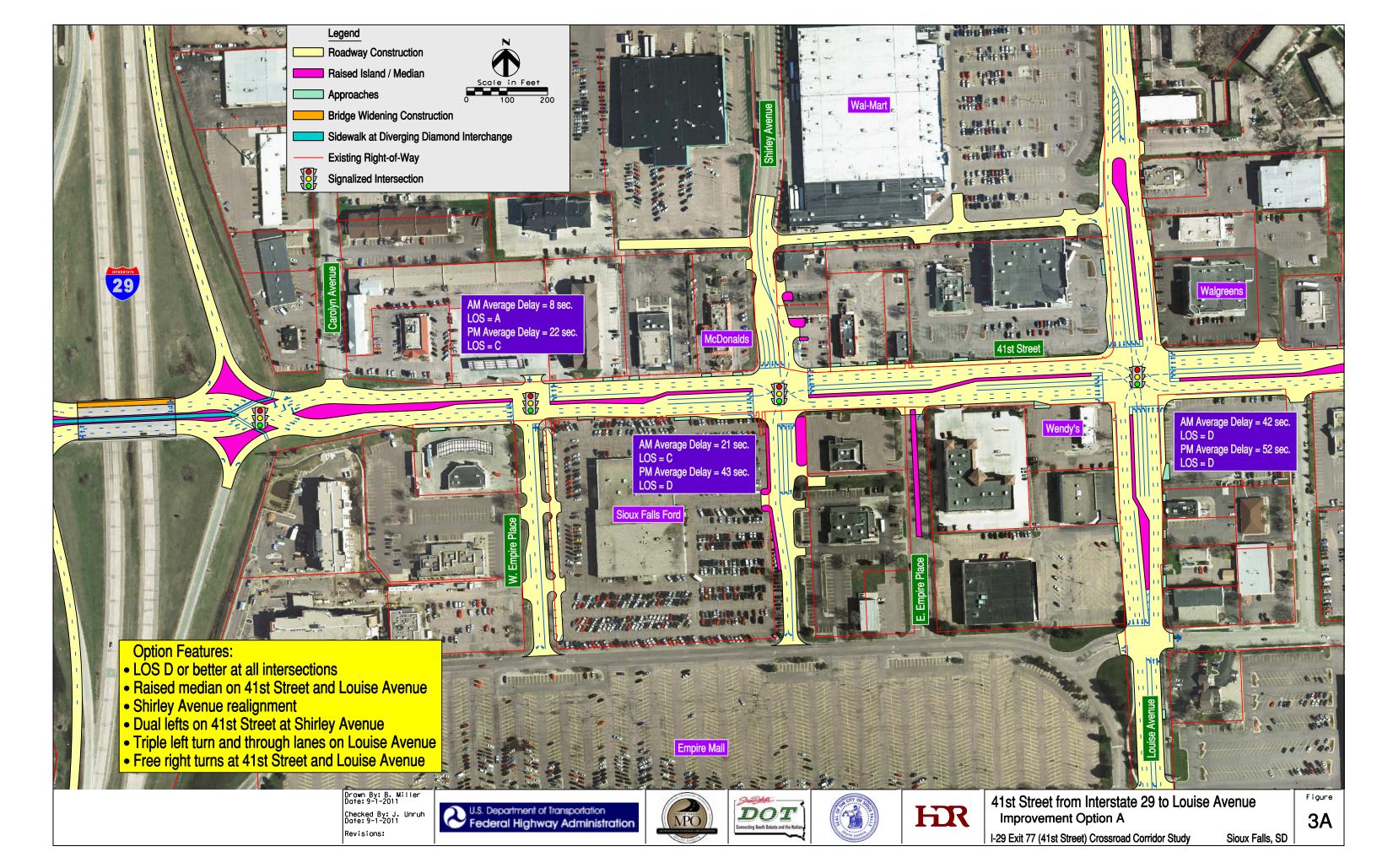
Timeframe: 5 to 20 years

41stStreet/Louise Avenue Concept Improvements



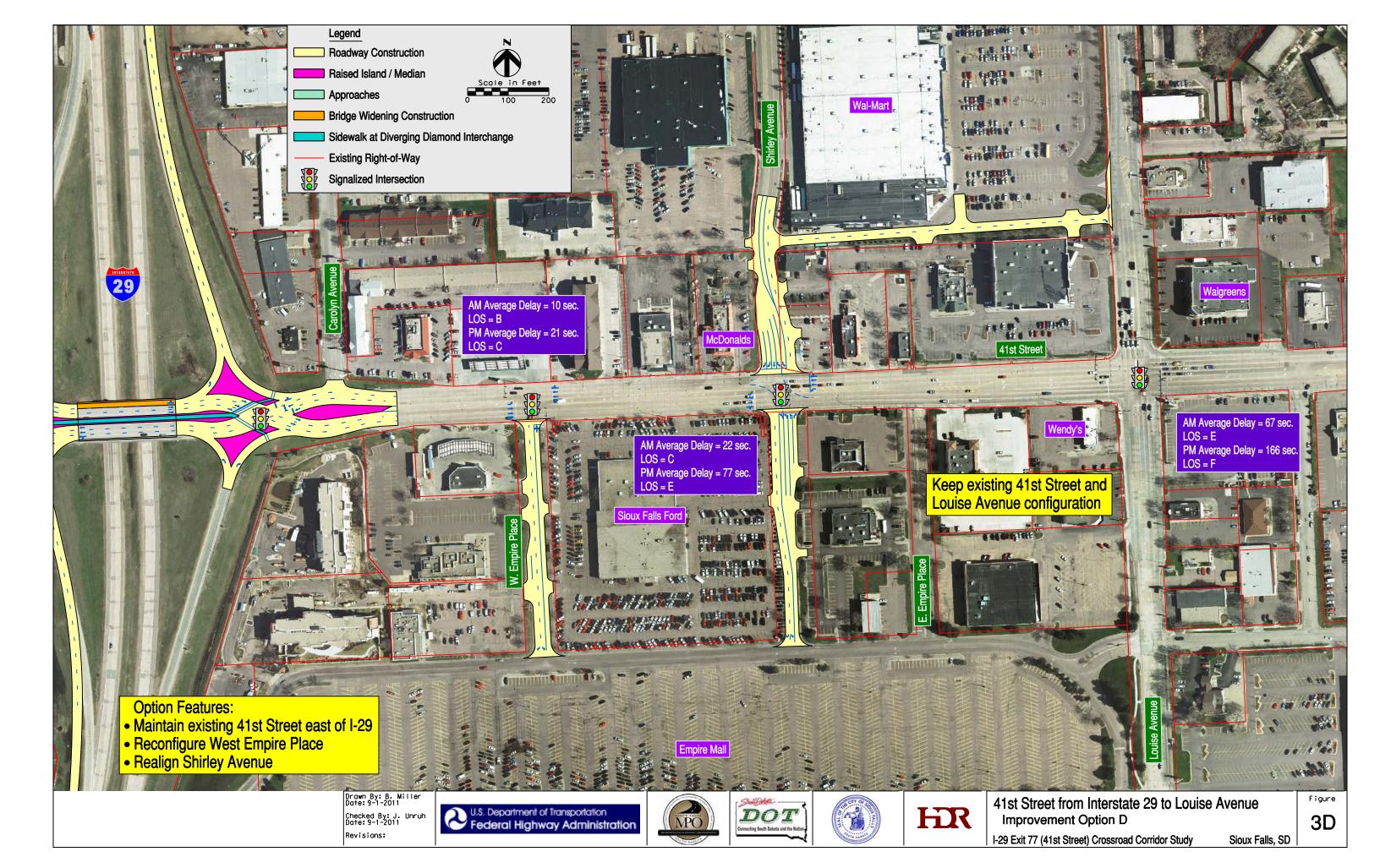


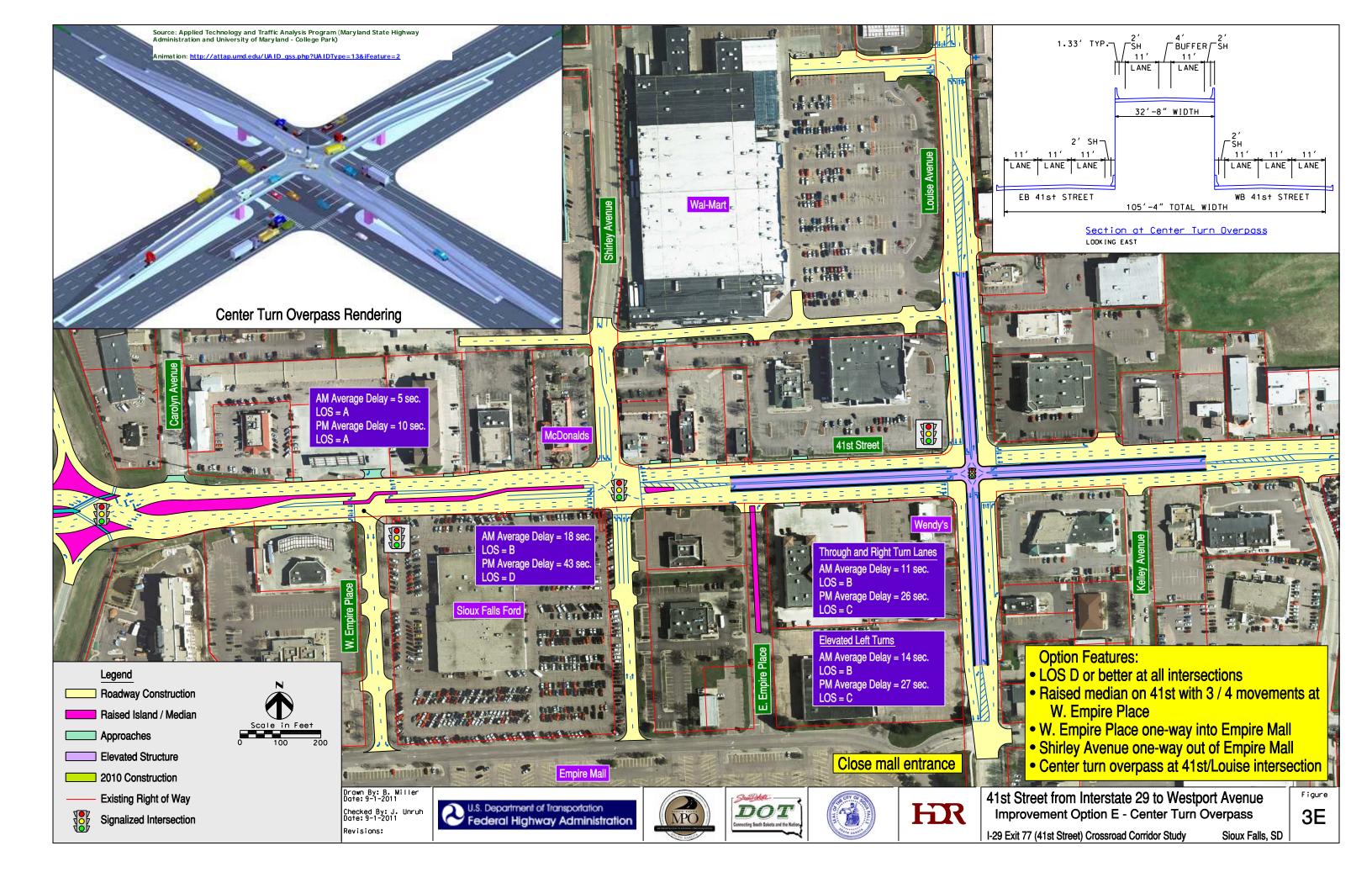


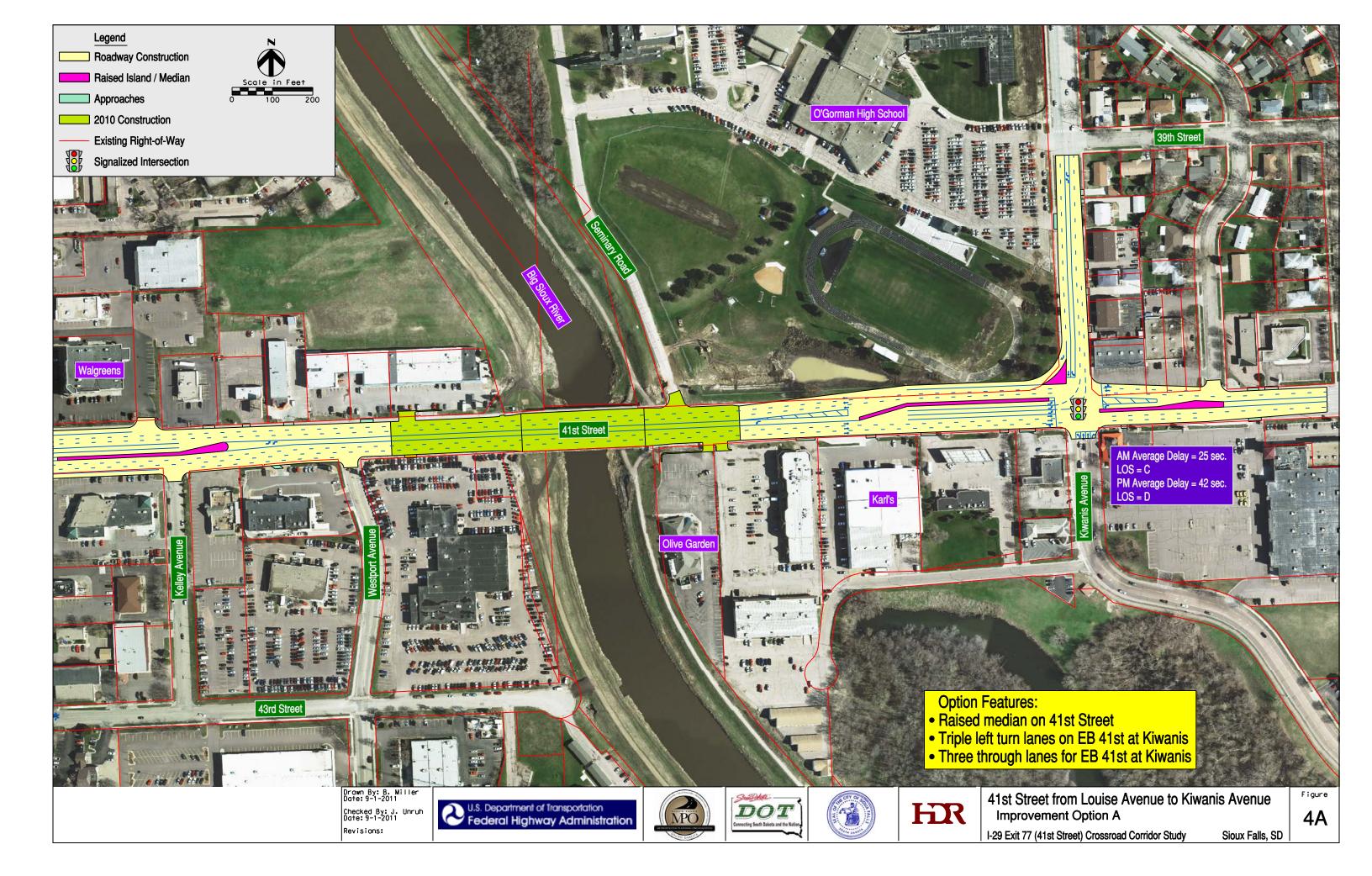


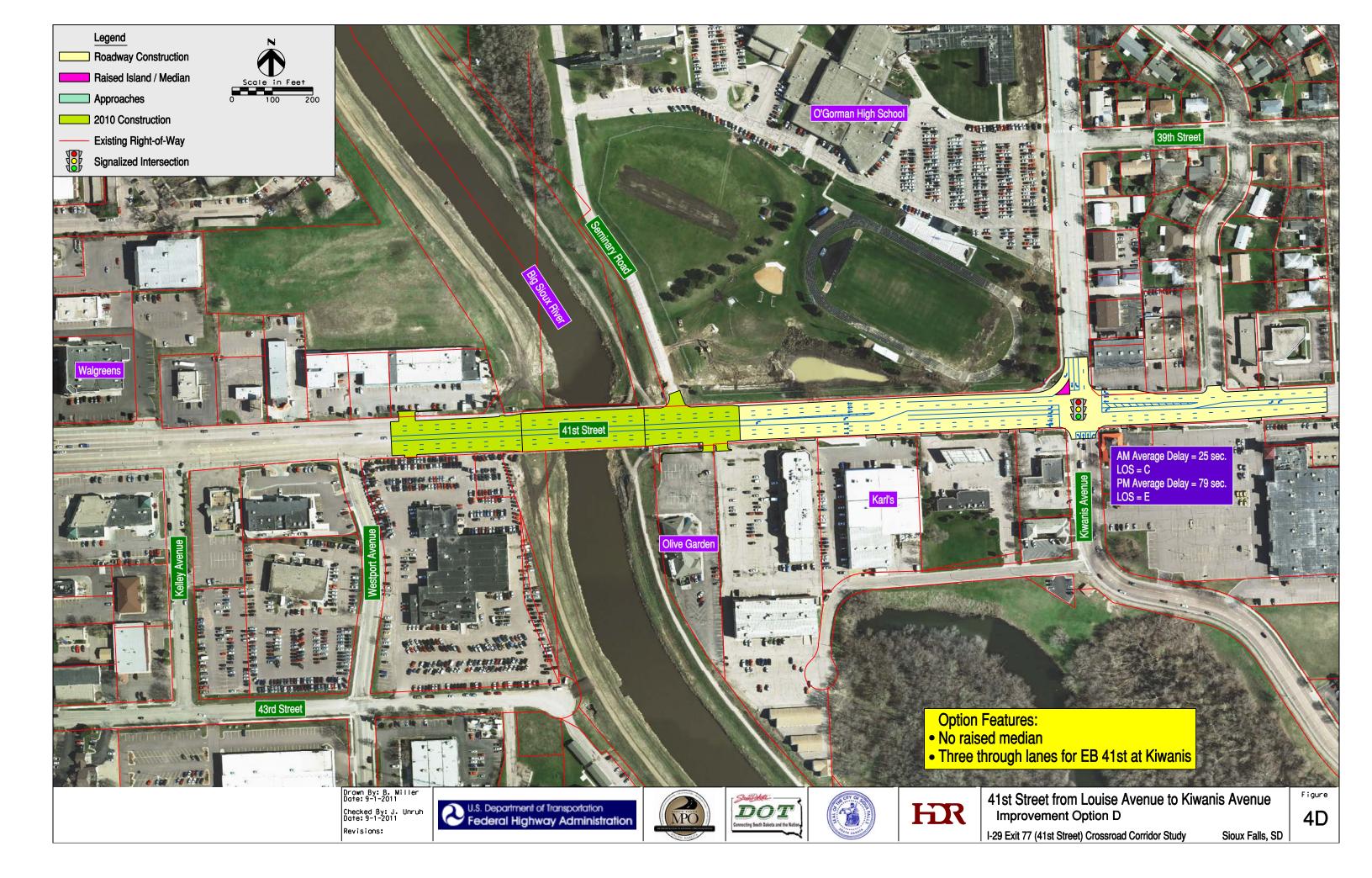


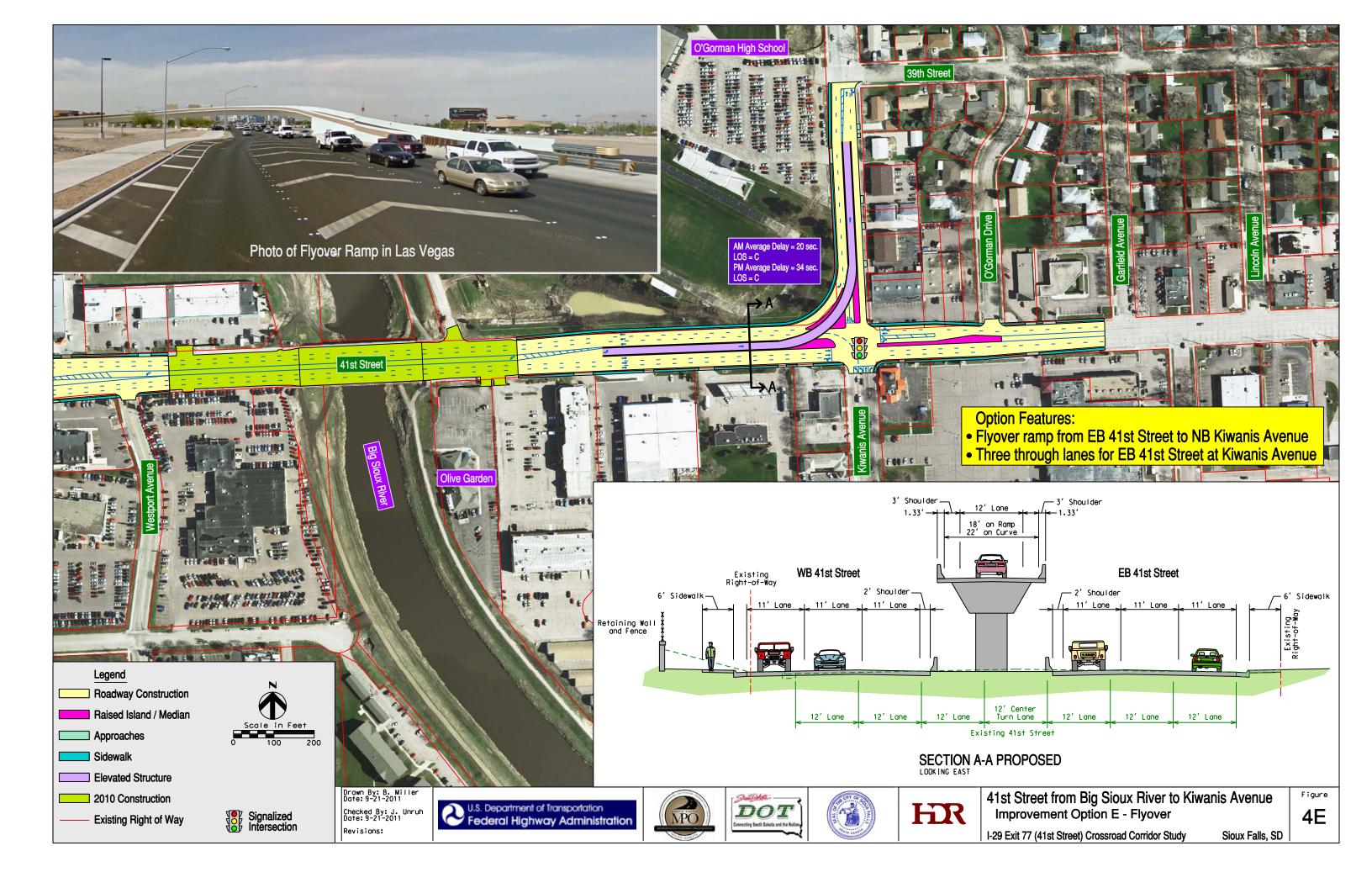
I-29 Exit 77 (41st Street) Crossroad Corridor Study Sioux Falls, SD

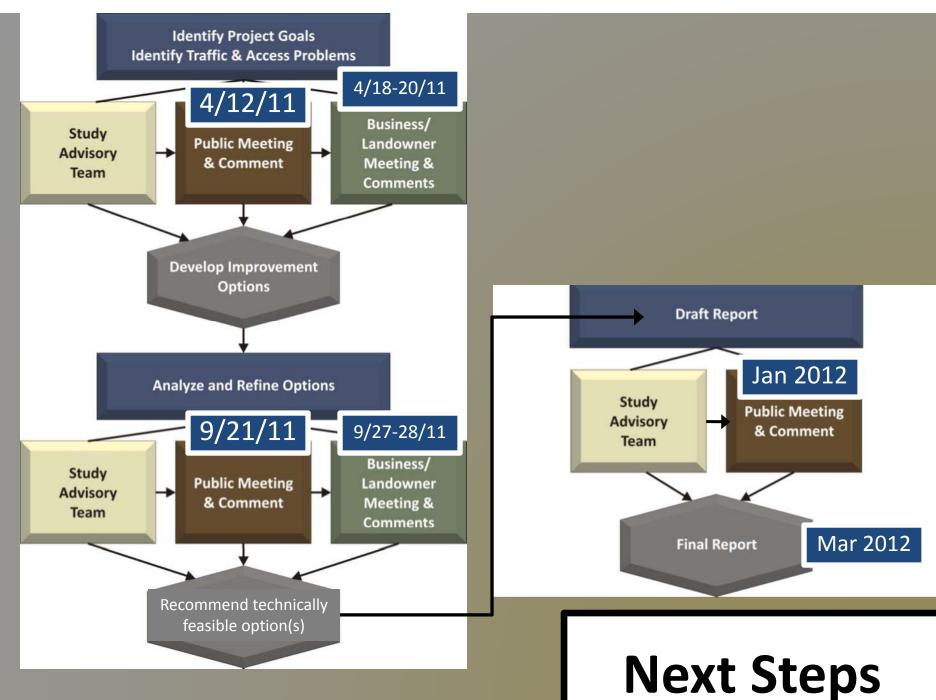












Information Sheet









Information Sheet for Public Information Open House I-29 Exit 77 (41st Street) Crossroad Corridor Study April 12, 2011; revised September 21, 2011



Ouestions and Answers

Question: What is the purpose of the study?

Answer: The I-29 Exit 77 (41st Street) Crossroad Corridor Study will be a guidebook for roadway and access improvements over the next 5 to 20 years for 41st Street, Louise Avenue, and the I-29/41st Street interchange.

Question: Why change the existing I-29 interchange at 41st Street?

Answer: In the morning rush hour, eastbound 41st Street traffic often backs up to Marion Road. In the evening rush hour, the I-29 southbound off-ramp traffic often backs up onto I-29. These conditions lead to unacceptable delays and safety concerns for drivers. As traffic levels continue to increase, the traffic concerns at the 41st Street/I-29 ramp intersections will continue to worsen.

Question: How can you improve the I-29/41st Street interchange?

Answer: Different types of interchanges will be harden targe volumes of left-turning traffic. The single point interchange (e.g. I-29/12th Street) and the diverging diamond interchange are expected to fit within the existing roadway right-of-way and would efficiently handle the traffic at the I-29/41th Street interchange.

Question: Why study the 1-29 interchange and 41st Street and Louise Avenue?

Answer: Page 2 of this Information Sheet shows the limits of the corridor study roadways. From a traffic perspective, all of these roadways tend to operate together as a system. Problems in one area generally affect the rest of the study area roadways. Likewise, improvements in one area would generally affect the rest of the study area roadways. So it makes sense for the study to include 41st Street from Valley View Road to Kiwanis Avenue and Louise Avenue from 49th Street to 34th Street.

Question: Will previous studies be taken into account?

Answer: The 2010 South Dakota Interstate Corridor
Study identified options for improving the I-29/41st
Street interchange; those options will be refined and
analyzed in detail in this study. The recommendations
from the 2000 41st Street Corridor Analysis will also be
considered in this study.

Question: What types of issues will the study cover?

Answer: The primary transportation related considerations will be roadway capacity, safety, and access.

Other considerations include pedestrians, transit, and aesthetics. The corridor study will identify where problems exists and options for improvements.

Question: What is the timeframe for improvements?

Answer: Reconstruction and expansion of I-29 from 26th Street to 57th Street began this year (2011). At this point, there is no specific timeframe for any other significant improvements of study area roadways. The corridor study will identify the potential timeline and sequence for improvement options. Maintenance work on 41st Street and Louise Avenue will continue to be done in upcoming years to keep the driving surface in good condition.

Question: Will any business access changes be considered in the transportation study?

Answer: With all of the commercial land use along 41st Street and Louise Avenue, providing good access to businesses is a primary consideration. A goal of the study process is to work in partnership with business/landowners to identify existing access problems and feasible solutions to these problems.

Completed Steps and Next Steps April 2011

Public and business/landowner group meetings

May to August 2011

Develop and analyze improvement options

September 21, 2011

Public meeting #2

September 27-28, 2011

Business/landowner group meetings

October 5, 2011

Public meeting comments due

October to December 2011

Prepare draft corridor study

January 2012

Public meeting #3

March 2012

Prepare final corridor study

More Questions?

Contact:

 Steve Gramm, PE
 James Unruh, PE
 Shannon Ausen, PE

 SDDOT
 HDR, Inc.
 City of Sioux Falls

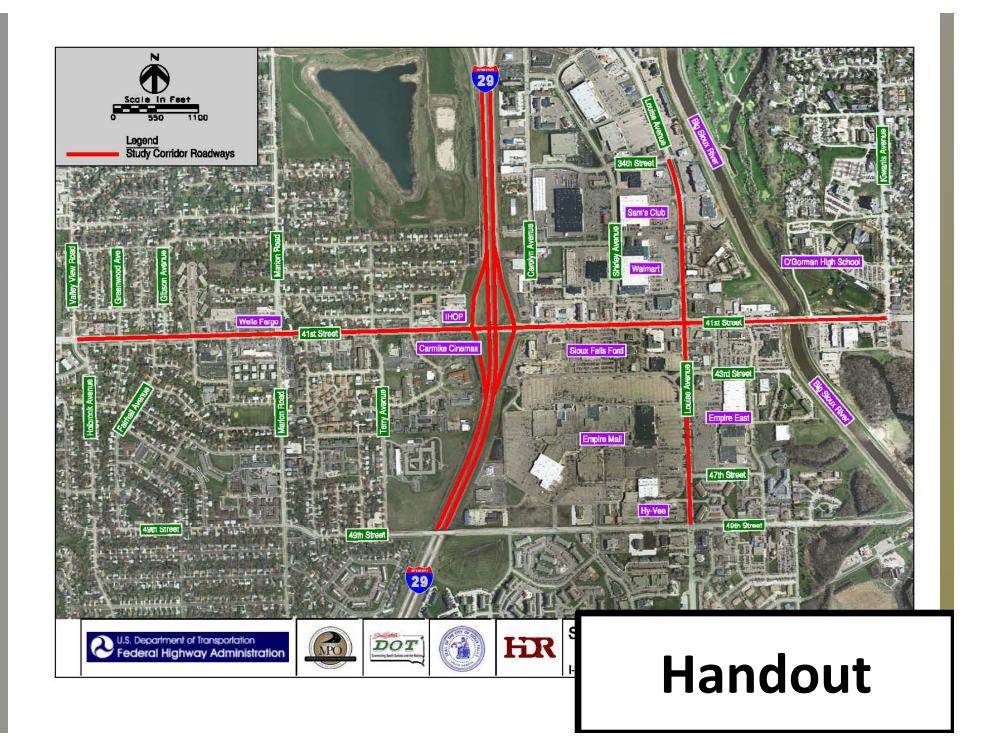
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 Sioux Falls, SD 57117

 Phone: 773-6641
 Phone: 977-7740
 Phone: 367-8601

See also project web site at:

http://www.sddot.com/pe/projdev/planning_ss_l29Exit77.asp



Comment Card

1-29 Exit 77 (41st Street) Crossroad Corridor Study

Public Meeting/Open House #2 September 21, 2011

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me:	Business/Property:
dress:	Phone:

From: _____

PLACE POSTAGE HERE

HDR, Inc. 6300 South Old Village Place, Suite 100 Sioux Falls, SD 57108

ATTN: James Unruh

Comment Cards

Questions and Comments

Thanks for your attendance!!!